Index of Claims

| App |  |  |  |
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10/731,645 Examiner

Anh T.N. Vo

Applicant(s)/Patent under Reexamination

SAKAI ET AL.

Art Unit

2861

| <b>1</b> | Rejected |
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|          | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| Cla        | aim      | Date          |                   |          | Date Claim Date |                                     |  |              |              |                 |            |          |          |                 | ٦        |          | aim      | Date      |   |                    |          |          |            |          |           |          |          |   |                 |          |          |        |
|------------|----------|---------------|-------------------|----------|-----------------|-------------------------------------|--|--------------|--------------|-----------------|------------|----------|----------|-----------------|----------|----------|----------|-----------|---|--------------------|----------|----------|------------|----------|-----------|----------|----------|---|-----------------|----------|----------|--------|
|            |          | <u> </u>      | _                 |          |                 |                                     |  |              |              |                 |            | $\dashv$ | U        |                 | Η-       | Г        |          | $\neg$    | Jack  |                    |          | _        |            |          |           |          |          |   |                 |          |          |        |
| Final      | Original | 2011          | 2                 |          |                 |                                     |  |              |              |                 | Final      | Original |          |                 |          |          |          |           |   |                    |          | Final    | Original   |          |           |          |          |   |                 |          |          |        |
| <b> </b> - | 1        | =             | -                 | _        | -               | _                                   | -  | -            |              |                 |            | 51       | +-       |                 | -        | $\dashv$ | ┥        | $\dashv$  | +   | ╬                  | $\dashv$ | -        | 101        | _        |           | _        |          | _ | $\vdash$        | $\dashv$ | $\dashv$ |        |
|            | 2        | =             | ┢                 | -        | _               | -                                   | $\vdash$                                     | H            |              | _               |            | 52       |          | Н               | $\dashv$ | $\dashv$ | 十        | $\dashv$  | $\dashv$  |                    | ┥        | _        | 102        | -        | Н         | Н        |          | - | $\vdash$        | $\dashv$ | $\dashv$ | _      |
|            | 3        | =             | -                 | -        | $\vdash$        | $\vdash$                            | _  | _            |              | _               | -          | 53       | 1        | Н               | $\dashv$ | $\dashv$ | 十        | ╅         | $\dashv$  | -                  | $\dashv$ | _        | 103        |          | Н         | Н        | $\vdash$ | _ |                 | $\dashv$ | -        |        |
|            | 4        |               | -                 | _        | -               | 1                                   | -  |              | Н            |                 | <u> </u>   | 54       | 1        | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | -+  | $\dashv$           | ┪        |          | 104        |          | H         | -        | $\vdash$ |   |                 | $\dashv$ | -        |        |
| _          | 5        | -             | -                 | -        |                 | $\vdash$                            | ┢╌   |              |              |                 | -          | 55       | 1        | Н               | $\dashv$ | $\dashv$ | +        | +         | +   | $\dashv$           | ┨        |          | 105        | _        | $\vdash$  | Н        | $\vdash$ |   | $\dashv$        | $\dashv$ | $\neg$   | _      |
| _          | 6        | =             | $\vdash$          | _        |                 |                                     | -  |              | Н            |                 |            | 56       | 1        | Н               | $\dashv$ | _        | _        | $\dashv$  | $\dashv$  | +                  | ┪        |          | 106        | _        |           | Н        |          |   |                 | ┪        | 一        | $\neg$ |
|            | 7        | =             | ┢                 |          | $\vdash$        | 一                                   | П  |              |              |                 |            | 57       |          |                 |          | $\dashv$ | 寸        | 寸         | 寸   | 一                  | ┪        |          | 107        |          | П         | _        |          |   | $\neg$          | ┪        | $\neg$   |        |
|            | 8        | $\vdash$      | $\vdash$          |          |                 |                                     | _  |              |              | $\neg$          |            | 58       |          | П               | コ        | $\dashv$ | 寸        | T         | T   | 十                  | 7        |          | 108        | _        | П         |          |          |   |                 | ┪        |          | _      |
|            | 9        | =             |                   |          |                 | Г                                   | Г  |              |              |                 |            | 59       | $\top$   |                 | $\neg$   | $\neg$   |          |           | $\neg$  | $\neg$             | 7        |          | 109        |          | П         |          |          |   |                 |          |          |        |
|            | 10       | =             |                   |          |                 | П                                   |  |              |              |                 |            | 60       |          |                 | $\neg$   | ヿ        | T        | T         | T   |                    | 7        |          | 110        |          |           |          |          |   |                 | $\neg$   |          |        |
|            | 11       | =             |                   |          |                 |                                     | Г  |              |              |                 |            | 61       |          |                 |          | $\neg$   |          |           |   | $\neg$             | 7        |          | 111        |          |           |          |          |   |                 |          |          |        |
|            | 12       | =             |                   |          |                 |                                     |  |              |              |                 |            | 62       |          |                 | $\Box$   |          |          | $\Box$    | $oldsymbol{\mathbb{I}}$                           | $\prod$            |          |          | 112        |          |           |          |          |   |                 |          |          |        |
|            | 13       | =             |                   |          |                 |                                     |  |              |              |                 |            | 63       |          |                 |          | $\Box$   | $\Box$   | $\perp I$ | $\Box$  |                    |          |          | 113        |          |           |          |          |   |                 |          |          |        |
|            | 14       | X             |                   |          |                 | L                                   | L.   | Ĺ            | $oxed{oxed}$ | Щ               | L          | 64       |          | Ш               |          |          | [        | $\perp$   | $\perp$   |                    | _        |          | 114        |          |           |          |          |   |                 |          |          |        |
|            | 15       | =             | $ldsymbol{f eta}$ | <u> </u> |                 | L                                   | $oxed{oxed}$                                 | L            | Ш            | Ш               | <u> </u>   | 65       | $\perp$  | Ш               | $\Box$   | _        | $\perp$  | $\dashv$  | $\perp$   | $\perp$            | 4        |          | 115        | L        |           |          | Ш        |   |                 |          |          |        |
| <u> </u>   | 16       | =             | L                 | <u> </u> | <u> </u>        | <u> </u>                            | <u> </u>                                     | <u> </u>     |              | Ц               | <u> </u>   | 66       | 1        | Ш               | _        | _        | _        | _         | $\dashv$  | _                  | 4        |          | 116        | Ш        | Ш         |          |          |   |                 | _        | _        |        |
|            | 17       | =             | ļ                 | <u> </u> | <u> </u>        | <u> </u>                            | <u> </u>                                     |              | _            | Щ               | <u> </u>   | 67       | $\perp$  | $\sqcup$        | _        | _        | _        | _         | 4   | $\bot$             | 4        |          | 117        | <u> </u> | Щ         | L_       | Ш        |   |                 | _        |          |        |
|            | 18       | X             | <u> </u>          | _        | _               | _                                   | ļ  |              |              | _               |            | 68       | <u> </u> | Ш               | _        | $\dashv$ | _        | _         | $\dashv$  | $\perp$            | 4        |          | 118        |          |           |          | Ш        |   |                 | _        |          |        |
|            | 19       | Ξ             | <u> </u>          | _        | <u> </u>        | <u> </u>                            | <u> </u>                                     | <u> </u>     |              | Щ               | <u> </u>   | 69       | ╀        | Ш               | _        | $\dashv$ | $\dashv$ | $\dashv$  | $\perp$   | _                  | 4        | <u> </u> | 119        | L.       |           |          | Ш        |   | $\rightarrow$   |          | _        |        |
|            | 20       | ļ             | <u> </u>          |          | <u> </u>        | <u> </u>                            | <u> </u>                                     | _            | _            |                 | <u> </u>   | 70       | ╄        | Ш               |          | _        | 4        | 4         | 4   | +                  | 4        | -        | 120        | _        |           |          |          |   | _               | _        |          |        |
|            | 21       | _             | <u> </u>          | <u> </u> | <u> </u>        | ┡                                   | <u>                                     </u> | _            | <u> </u>     | $\dashv$        |            | 71       | ╀        | Н               | _        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$  | +                  | 4        | ļ        | 121        |          | _         | _        | Ш        |   |                 |          | _        | _      |
|            | 22       | ├             | ┝                 | ⊢        | ⊢               | ⊢                                   | ⊢  | ├            | -            | $\dashv$        |            | 72<br>73 | ┼        | Н               | -        | -        | -        | -         | +   |                    | -        |          | 122        | ┝        | ┝         | _        | $\vdash$ |   | $\dashv$        | -        | _        |        |
|            | 23       |               | ├-                | $\vdash$ | $\vdash$        |                                     | ⊢  | $\vdash$     | $\vdash$     | $\dashv$        |            | 74       | +-       | $\vdash$        | -        | $\dashv$ | $\dashv$ | +         | -   |                    | -        |          | 123<br>124 | $\vdash$ | ⊢         | $\vdash$ | Н        |   | $\dashv$        | $\dashv$ |          |        |
|            | 25       | ┝             | ┝                 | ⊢        | ⊢               | $\vdash$                            | H  | ┢            | -            | $\dashv$        |            | 75       | ╁        | -               | -        | -        | -+       |           | +   | +                  | -        |          | 125        |          | $\vdash$  |          | Н        |   |                 |          |          |        |
| <u> </u>   | 26       | $\vdash$      |                   | ├-       |                 | ├                                   | $\vdash$                                     | <del> </del> | -            | $\dashv$        | \ <u> </u> | 76       | ╁        | Н               | $\dashv$ | -+       | $\dashv$ | +         | $\dashv$  | +                  | ┨        | -        | 126        | $\vdash$ | -         | -        |          |   |                 |          | _        | _      |
|            | 27       | ┝             | ┝                 | -        | -               | $\vdash$                            | $\vdash$                                     | -            | -            | $\dashv$        | }          | 77       | +        | Н               | ᅱ        | -        | $\dashv$ | $\dashv$  | -   | $\dashv$           | ┨        |          | 127        | $\vdash$ | $\vdash$  | $\vdash$ |          |   | -               | ᅱ        | _        |        |
|            | 28       | ┝             | ┝                 | ┢        | -               | ┢                                   | ┢  |              | -            | $\dashv$        |            | 78       | +        | Н               | _        | $\dashv$ | +        | $\dashv$  | $\dashv$  | $\dashv$           | ┥.       | -        | 128        | -        | -         |          |          | _ | -               | ᅥ        | -        | _      |
|            | 29       | $\vdash$      | $\vdash$          | $\vdash$ | $\vdash$        | $\vdash$                            |  | $\vdash$     | -            | $\dashv$        | 1          | 79       | +        | Н               | $\dashv$ | -        | $\dashv$ | _         | +   | +                  | ┥        |          | 129        | Н        | $\vdash$  | $\vdash$ |          |   | $\dashv$        | 廿        |          | _      |
|            | 30       | $\vdash$      | $\vdash$          | $\vdash$ | $\vdash$        |                                     |  | _            | -            | $\neg$          | 1          | 80       | +        | Н               | 一        |          | _        | $\dashv$  | $\dashv$  | +                  | -        |          | 130        | Н        | $\vdash$  |          |          |   |                 | $\dashv$ |          |        |
|            | 31       | $\vdash$      | $\vdash$          | $\vdash$ | $\vdash$        | $\vdash$                            | Т  |              |              | $\neg$          |            | 81       | +        | Н               | $\neg$   | _        | _        | 7         | 7   | $\neg$             | ٦        | 1.       | 131        |          |           |          | _        |   |                 | T        |          |        |
|            | 32       | $\overline{}$ | $\vdash$          | $\vdash$ | Т               | Т                                   | Г  |              |              |                 |            | 82       |          | П               | ヿ        |          |          | $\top$    | 寸   | $\neg$             | ٦        |          | 132        |          |           |          | П        |   |                 | 寸        |          |        |
|            | 33       | Г             | Г                 | Π        |                 | Γ                                   | Π  |              |              |                 |            | 83       |          |                 | 一        |          | $\Box$   |           | $\dashv$  | o                  |          |          | 133        | Г        |           |          | П        |   |                 | 寸        |          |        |
|            | 34       |               |                   |          |                 |                                     |  |              |              |                 |            | 84       |          |                 |          |          |          |           |   |                    |          |          | 134        |          |           |          |          |   |                 |          |          |        |
|            | 35       |               |                   |          |                 |                                     | $\Box$                                       |              |              |                 |            | 85       |          |                 |          |          |          |           |   |                    |          |          | 135        |          |           |          |          |   |                 |          |          |        |
|            | 36       | 匚             | 匚                 | 匚        |                 |                                     | 匚  |              |              |                 |            | 86       |          |                 |          | $\Box$   |          | $\Box$    | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oldsymbol{\perp}$ |          |          | 136        |          |           |          |          |   |                 |          |          |        |
|            | 37       |               |                   | 匚        | 匚               |                                     |  | 匚            | $\Box$       | Ш               |            | 87       | 匚        | $\Box$          | $\Box$   | $\Box$   | $\Box$   | $\Box$    | $\bot$  | $\perp$            | _        |          | 137        |          |           |          |          |   |                 |          |          |        |
|            | 38       |               |                   |          |                 | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oxed{oxed}$                                 |              | Ш            | Ш               |            | 88       |          | Ш               | [        |          | $\perp$  |           | 4   | $\perp$            | 4        |          | 138        |          |           |          | Ш        |   | $\Box$          | _]       |          |        |
|            | 39       |               | <u> </u>          |          | <u> </u>        | L_                                  | <u> </u>                                     |              | L_           | Ш               |            | 89       | <u> </u> |                 | ↓        |          |          | $\perp$   | 4   | $\perp$            | _        |          | 139        | <u> </u> |           | L        | Ш        |   | Ш               |          |          |        |
|            | 40       | <u> </u>      | <u> </u>          | 1        | <u> </u>        | <u> </u>                            | $oxed{oxed}$                                 | ┞            | $\vdash$     | Щ               |            | 90       | 1        | Ш               | _        | _        | _        | $\dashv$  | 4   | _                  | 4        |          | 140        | _        | <u> </u>  | L_       | Ш        | _ | $\sqcup$        |          | _        |        |
| <u> </u>   | 41       | <u> </u>      | _                 | <u> </u> | <u> </u>        | Ь.                                  | <u> </u>                                     | L_           | <u> </u>     | Ы               |            | 91       | +        | $\sqcup$        | _        | 4        | _        | $\dashv$  | 4   | _                  | 4        |          | 141        | <u> </u> | $\square$ | _        | Ш        |   | $\sqcup$        |          | _        |        |
|            | 42       | <u> </u>      |                   | ₩        | <u> </u>        | <del> </del>                        | <b> </b>                                     | <u> </u>     | <u> </u>     | $\sqcup$        |            | 92       | -        |                 |          | _        | _        | $\dashv$  | 4   | +                  | _        |          | 142        | <u> </u> | <b> </b>  | L.       | Щ        |   | $\vdash \dashv$ |          | _        |        |
|            | 43       | $\vdash$      | $\vdash$          | <u> </u> | _               | $\vdash$                            | -  | ļ            | $\vdash$     | Н               | <u> </u>   | 93       |          | $\vdash$        |          | _        | -        | -         |   | +                  | 4        |          | 143        | <u> </u> |           |          | Ш        |   | $\square$       |          | _        |        |
|            | 44       | ⊢-            | ├—                | ├—       | ⊢-              | ├-                                  | <del> </del>                                 | <b>⊢</b>     | $\vdash$     | $\vdash \vdash$ |            | 94       |          | $\vdash \vdash$ |          |          |          | -         | -+  | +                  | 4        |          | 144        | <u> </u> |           |          | Ш        |   | $\vdash \dashv$ | _        | _        |        |
|            | 45<br>46 | <del> </del>  | ├                 | ├-       | ⊢               | ├                                   | $\vdash$                                     | $\vdash$     | $\vdash$     | Н               | -          | 95<br>96 | +-       |                 |          |          |          | +         | -   | +                  | $\dashv$ |          | 145        |          |           |          | Ш        |   | Н               |          | _        |        |
|            | 47       | -             | ├                 | -        | ├               | -                                   |  | -            |              | $\vdash\vdash$  |            | 96       | +        | $\vdash$        |          |          |          | -+        | -+  | -                  | $\dashv$ | -        | 146        |          | -         | $\vdash$ | $\vdash$ |   | $\vdash \vdash$ |          | _        |        |
|            | 48       | ├             | ├-                | $\vdash$ | $\vdash$        | $\vdash$                            | -  | ├            |              | Н               | -          | 98       | +-       | $\vdash$        | -        | -        | $\dashv$ | +         | +   | $\dashv$           | $\dashv$ | -        | 147<br>148 | -        |           | $\vdash$ | Н        |   | $\vdash \vdash$ |          | -        |        |
|            | 49       | -             | -                 | 1        | ├-              | $\vdash$                            | $\vdash$                                     | ⊢            | -            | $\vdash$        | -          | 99       | +-       | $\vdash$        |          |          | -+       | $\dashv$  | $\dashv$  | +                  | $\dashv$ | -        | 149        | ├-       | -         | -        | $\vdash$ | - | Н               | $\dashv$ |          | _      |
| -          | 50       | -             | $\vdash$          | $\vdash$ | $\vdash$        | +-                                  | $\vdash$                                     | +            | -            | $\vdash$        | -          | 100      | +-       | $\vdash$        | -        |          | -+       | $\dashv$  | $\dashv$  |                    | $\dashv$ | -        | 150        | $\vdash$ | -         | ┢        | $\vdash$ |   | Н               | $\dashv$ | -        |        |
| Ц          | - 50     |               |                   | <u> </u> | Щ.              | Ь_                                  |  | Ц.           |              | <b>لـــ</b> ـا  |            | 1 100    | Ц        |                 |          |          |          |           |   | L_                 |          |          | 130        | <u> </u> |           | Ц        |          |   | لبا             |          |          |        |